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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of **Dharap**
Serial No.: **09/374,694**
Filed: **08/16/99**
Title: **SEMANTIC-BASED CACHING POLICY TO MINIMIZE LATENCY**

Atty. Docket No.: **PHA 23-73** /
Group Art Unit: **2185**
Examiner: **K. Verbrugge**

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Req. for
Reconsideration

Preliminary Amendment/Remarks

Sir:

Enclosed are preliminary remarks for the above-identified application for the
Examiner's consideration.

REMARKS

This application is a continued prosecution application (CPA) of a prior
application, 09/374,694. In the prior application, the Examiner had rejected claims 1-20
under 35 U.S.C. 102(a) as being anticipated by the admitted prior art of pages 1 and 2 of
the Applicant's specification, and had rejected claims 1-5, 7, 8, 10, and 12-17 under 35
U.S.C. 102(e) as being anticipated by Rubin et al. (USP 6,061,763, hereinafter Rubin),
and had rejected claims 6, 9, and 18-20 under 35 U.S.C. 103(a) as being unpatentable
over Rubin.

The Applicant specifically teaches and claims a caching system and method that
determines a caching strategy based on the "semantic type" of the information being
cached. As is known in the art, a hierarchy of information abstraction exists. At a lowest
level, information may be characterized and processed based on the bits or bytes that
represent the information; at a higher level, the information may be characterized and
processed based on the lexical content; at another level, the information may be
characterized and processed based on data type, such as "text", "image", "audio", and so
on; at another level, the information may be characterized and processed based on
abstractions such as "topic", or "subject", typically based on a keyword characterization;
at a further level, information may be characterized and processed based on semantics. It

PHA 23,737 Amendment   1   2 June 2002